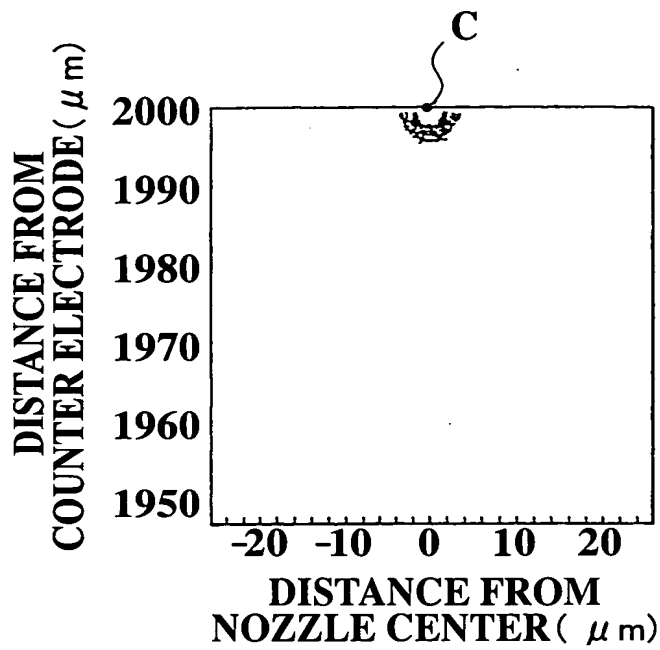
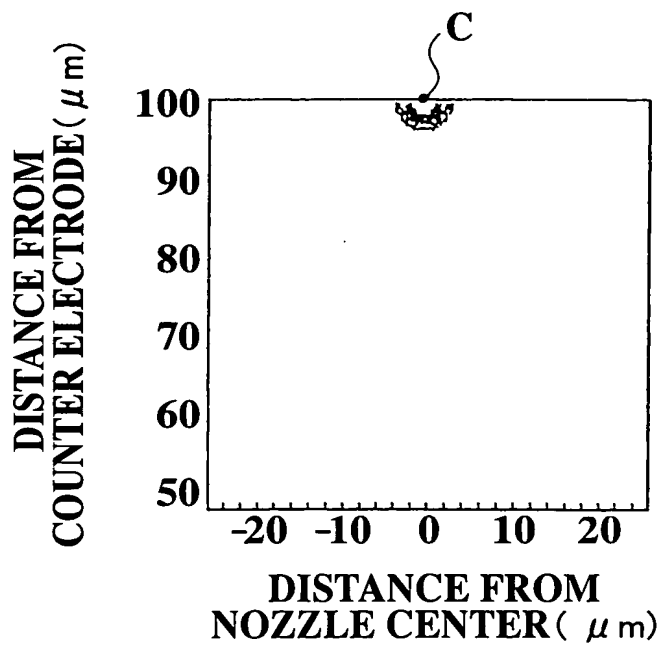
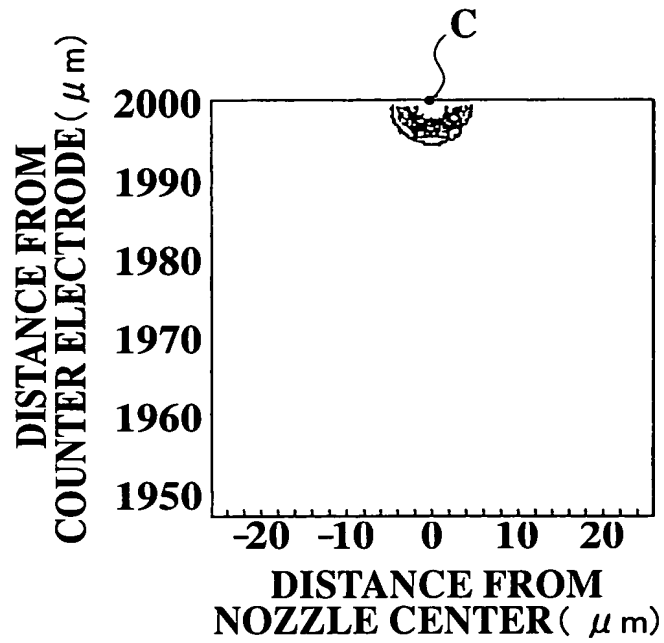
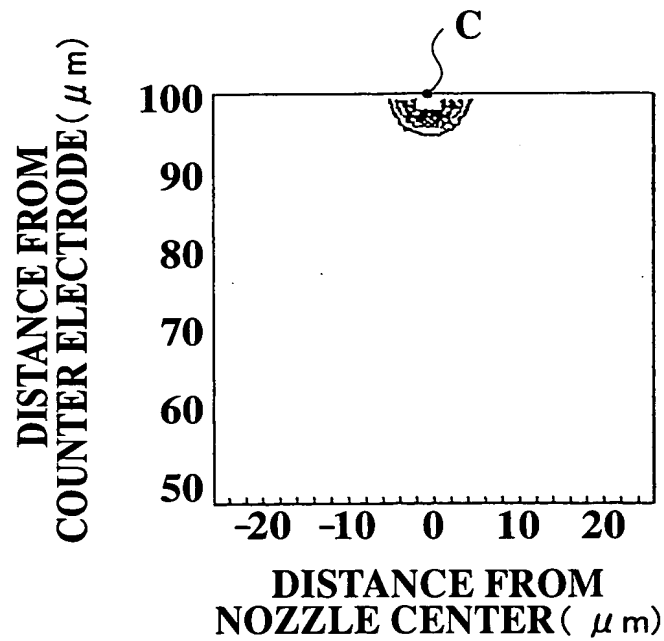


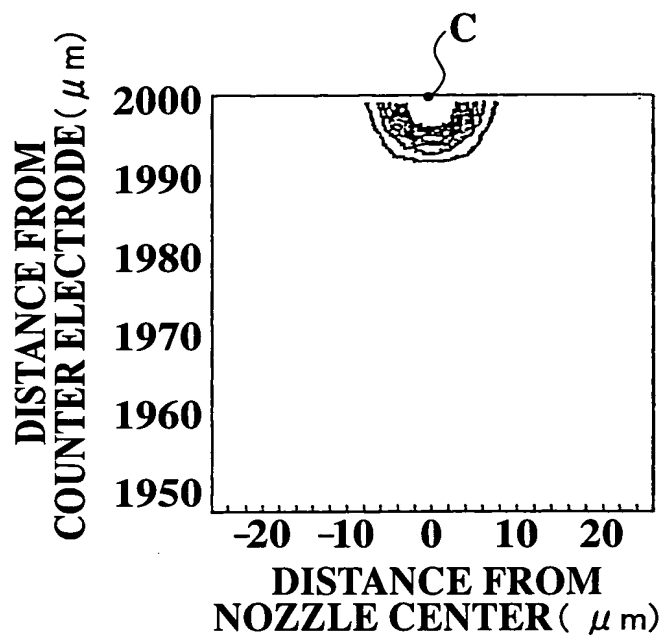
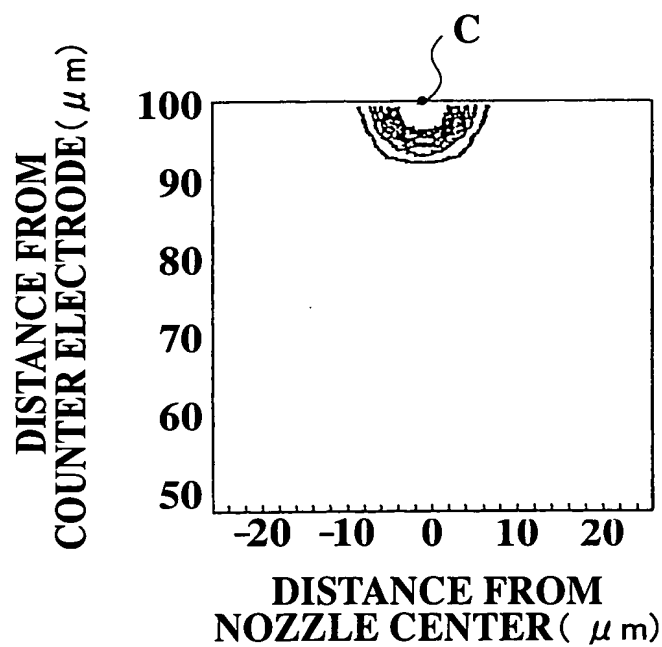
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FIG.1A**FIG.1B**

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FIG.2A**FIG.2B**

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FIG.3A**FIG.3B**

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FIG.4A

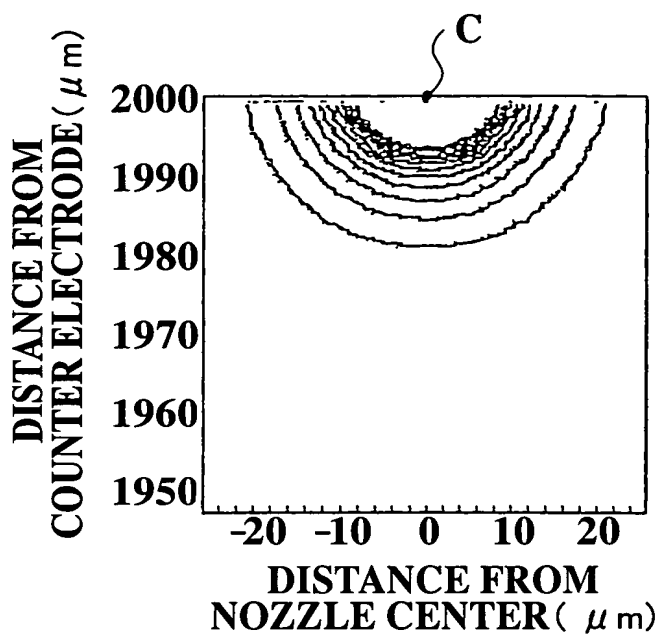
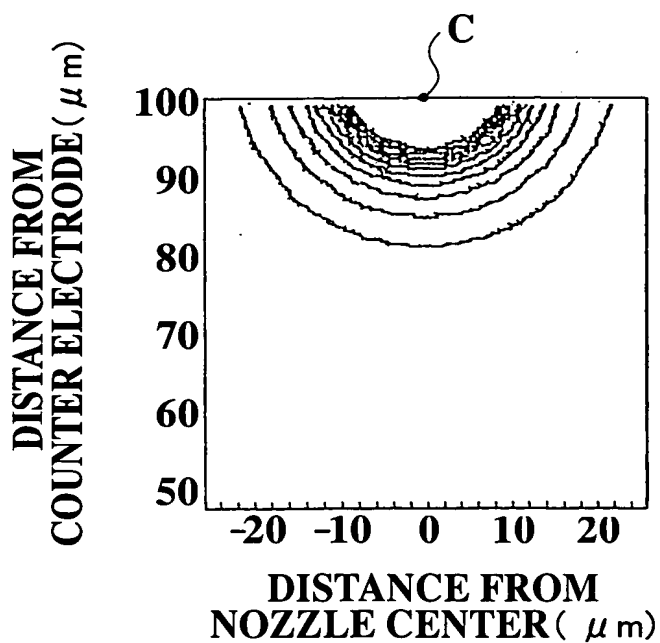
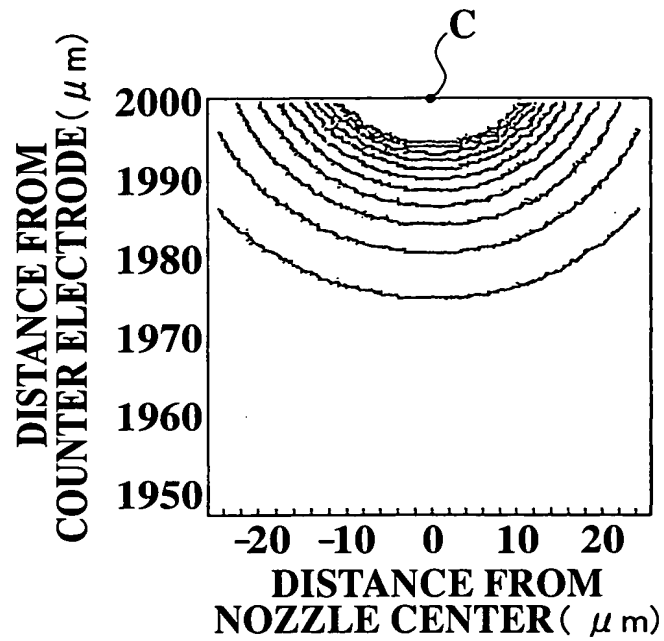
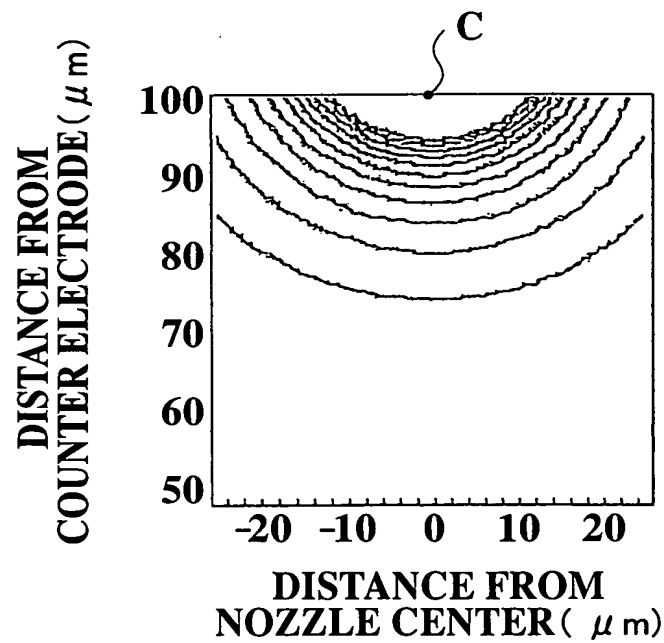


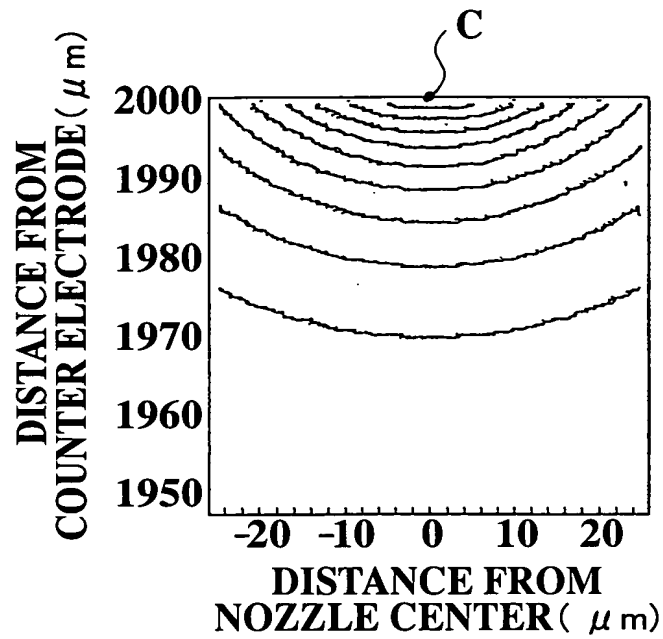
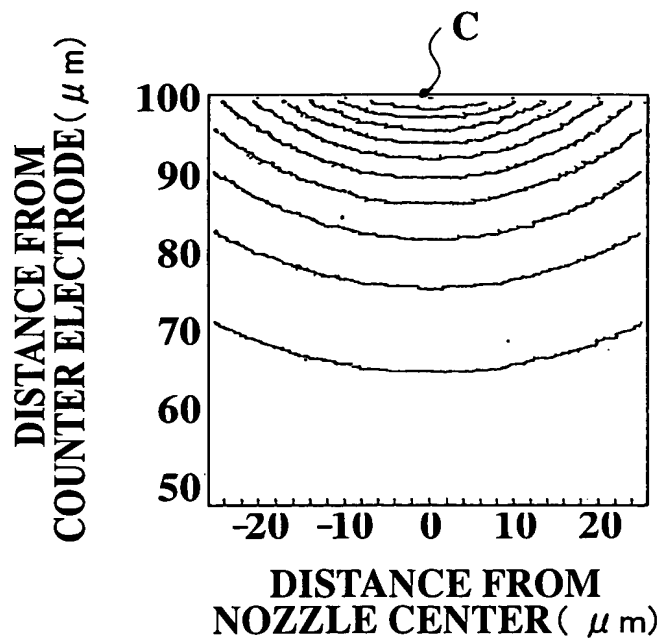
FIG.4B



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FIG.5A**FIG.5B**

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FIG. 6A**FIG. 6B**

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FIG.7

NOZZLE DIAMETER (μ m)	MAXIMUM ELECTRIC FIELD INTENSITY(V/m)		COEFFICIENT OF FLUCTUATION (%)
	GAP100 (μ m)	GAP2000 (μ m)	
0.2	2.001×10^9	2.00005×10^9	0.05
0.4	1.001×10^9	1.00005×10^9	0.09
1	0.401002×10^9	0.40005×10^9	0.24
8	0.0510196×10^9	0.05005×10^9	1.94
20	0.0210476×10^9	0.0200501×10^9	4.98
50	0.00911111×10^9	0.00805×10^9	13.18

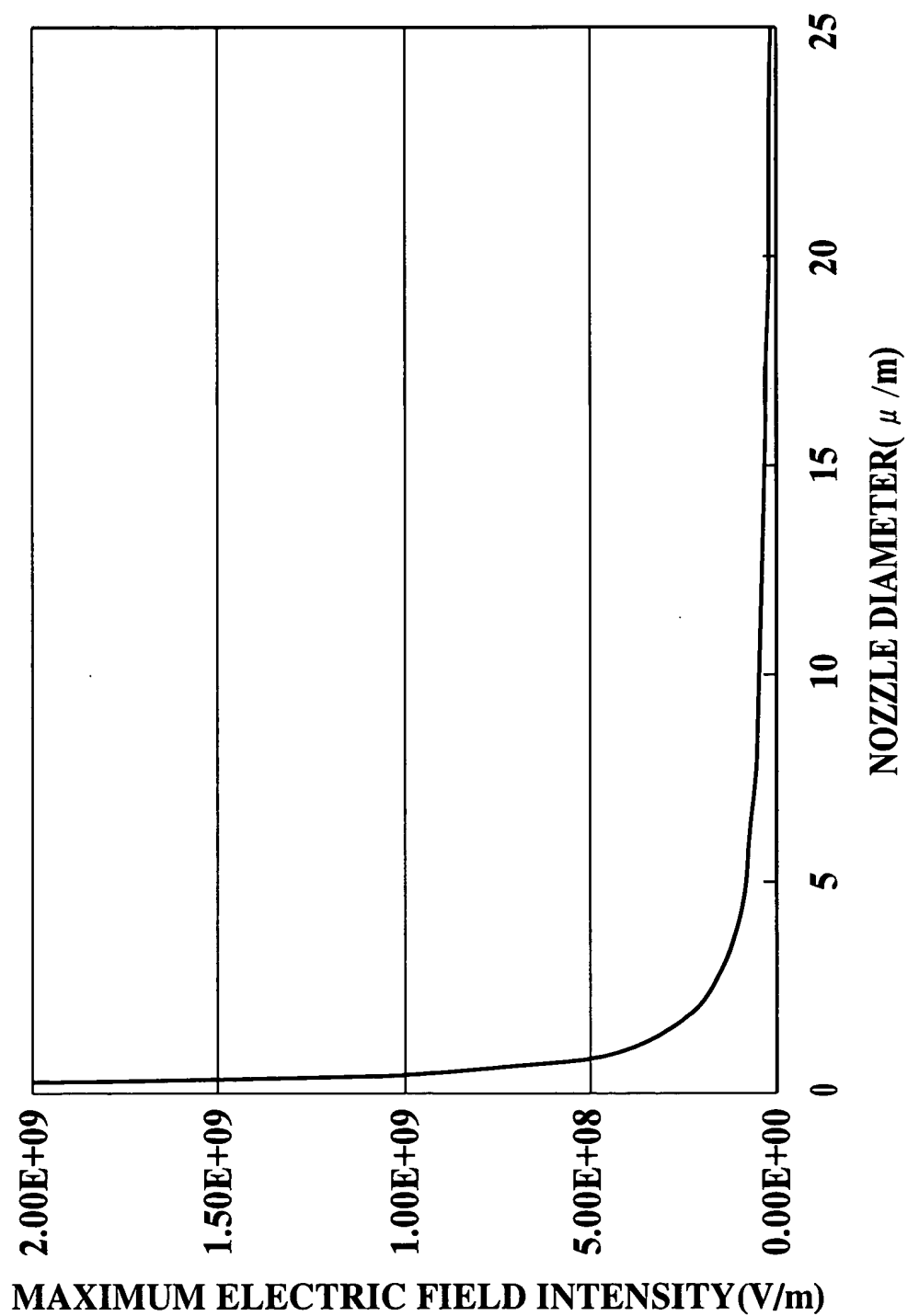
FIG.8

FIG.9

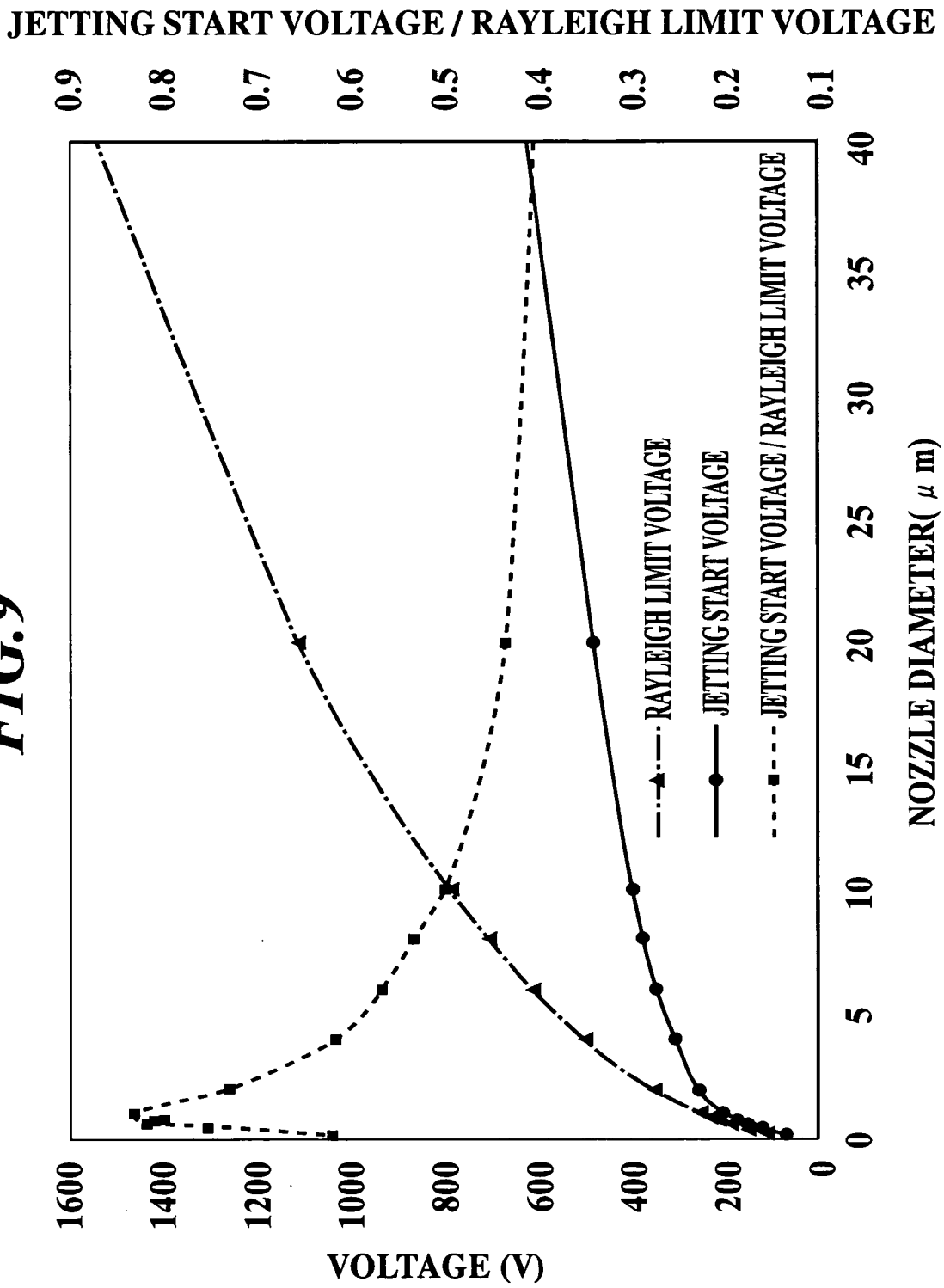


FIG.10

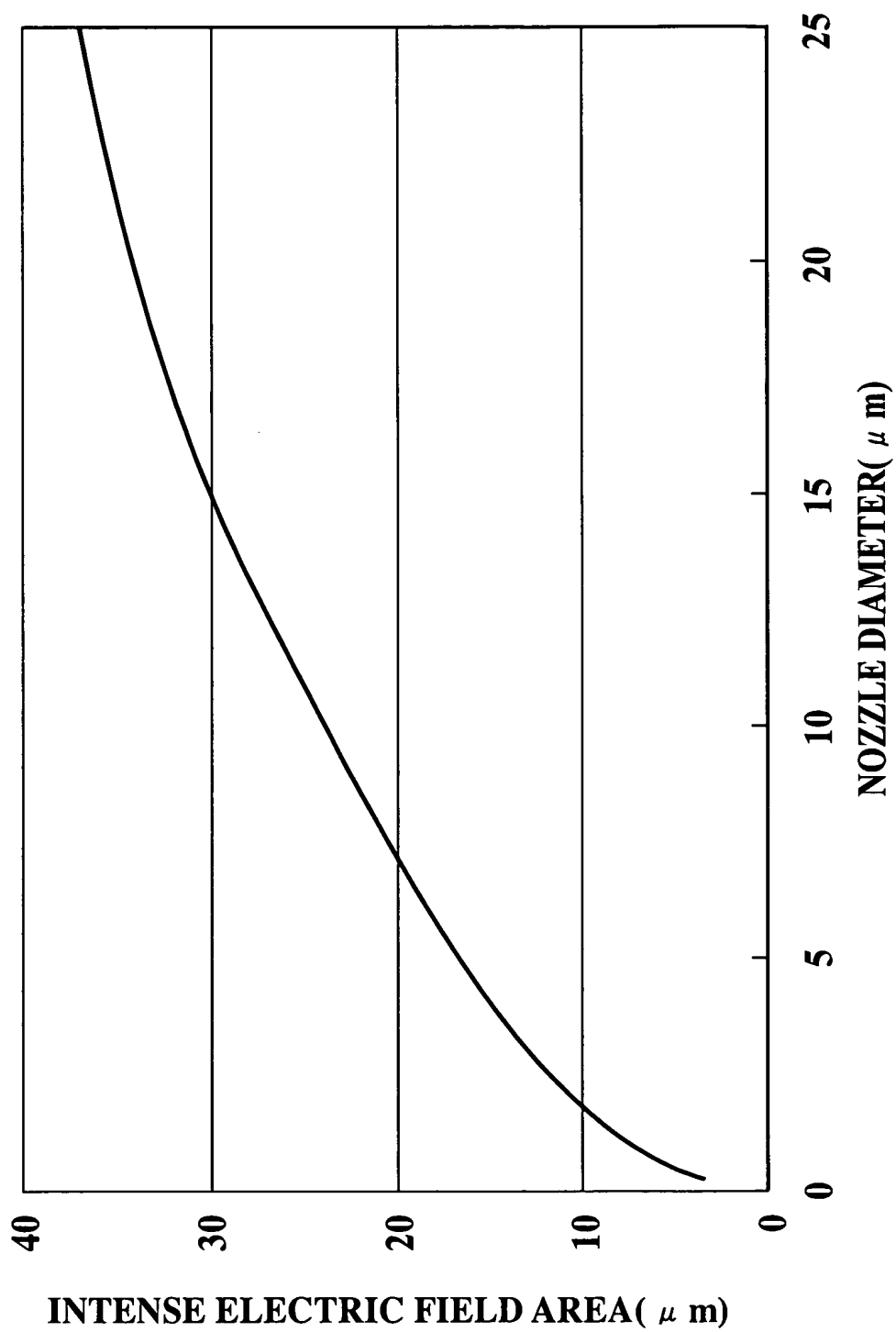
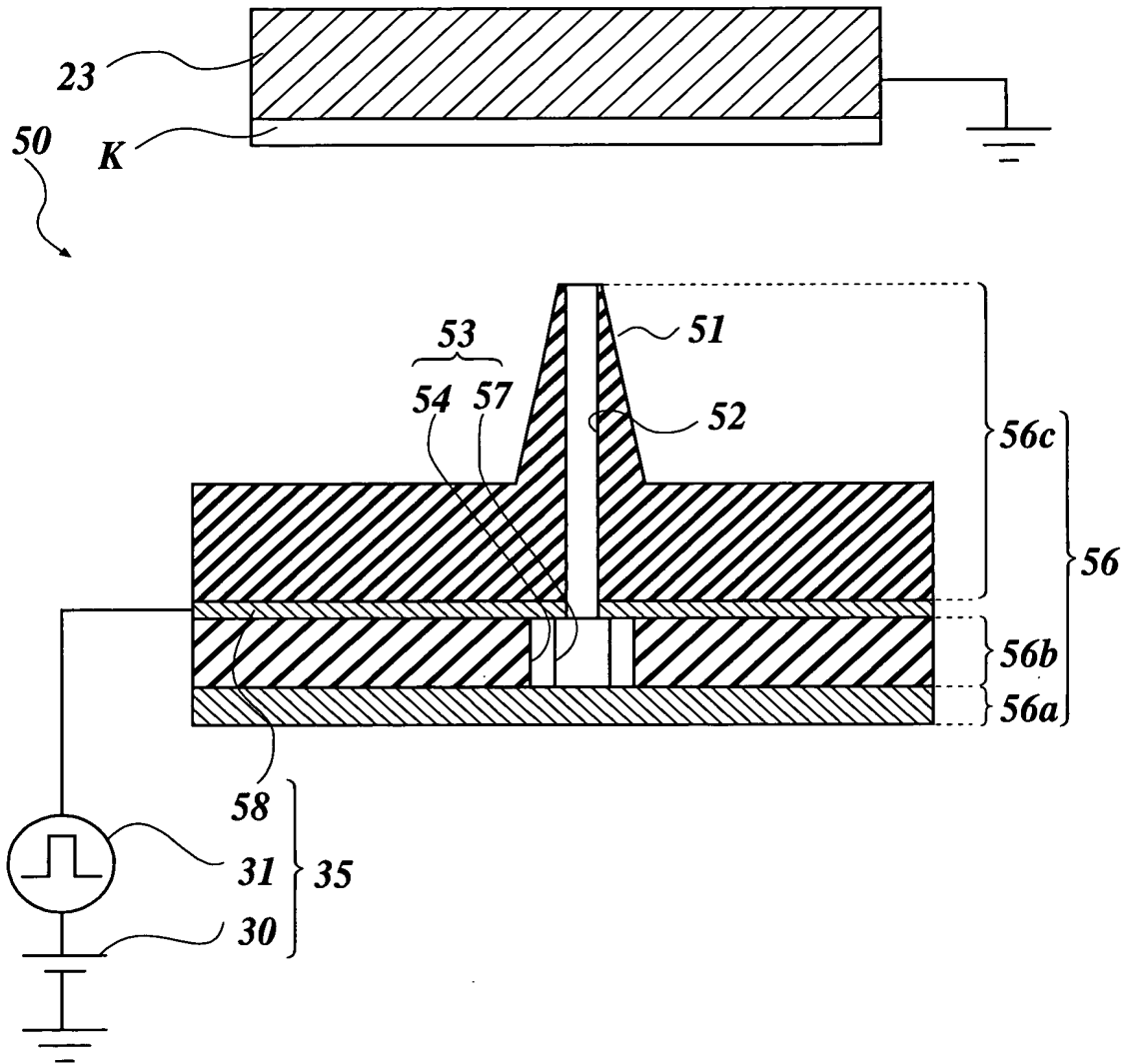
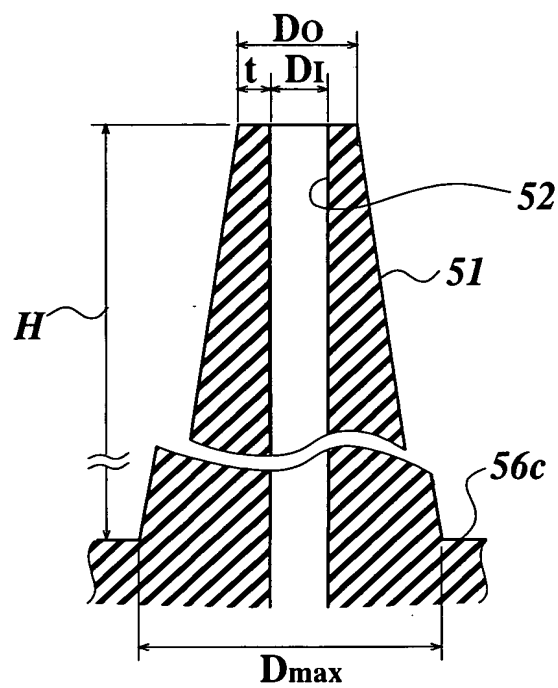


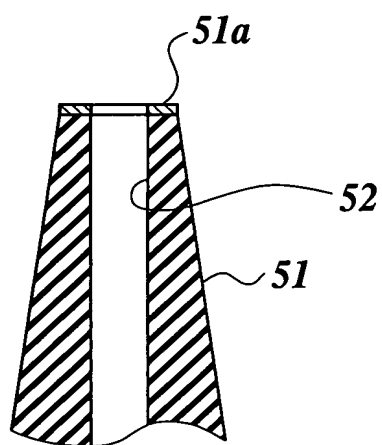
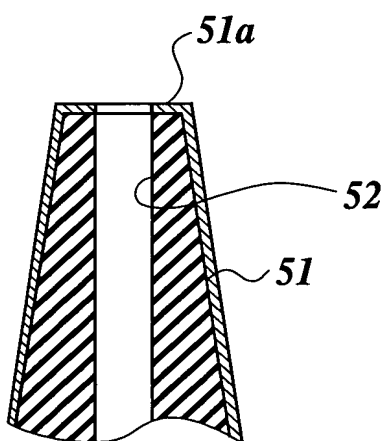
FIG. 11

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FIG.12A



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FIG. 13A**FIG. 13B**

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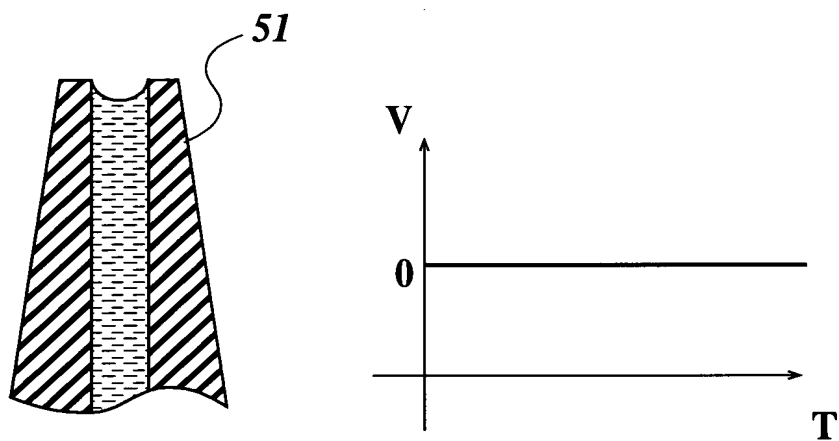
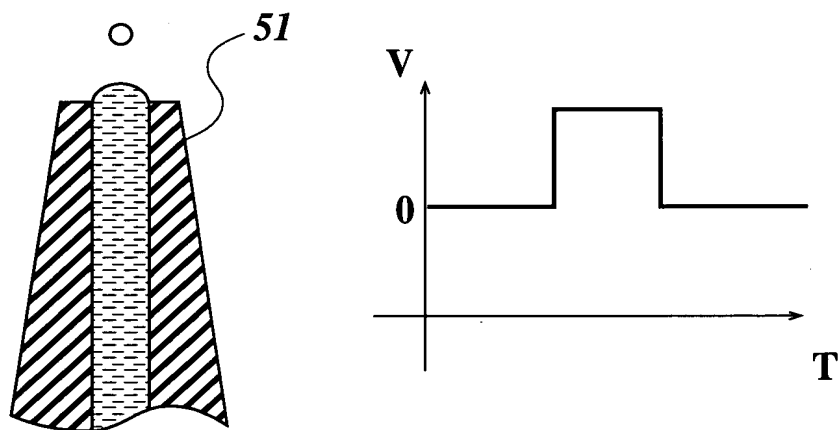
FIG.14A**FIG.14B**

FIG.15

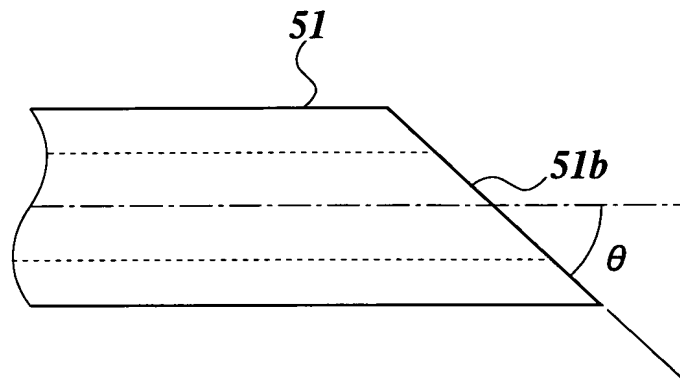


FIG.16A

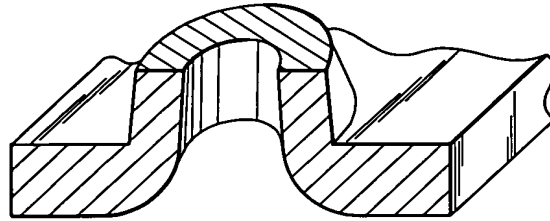


FIG.16B

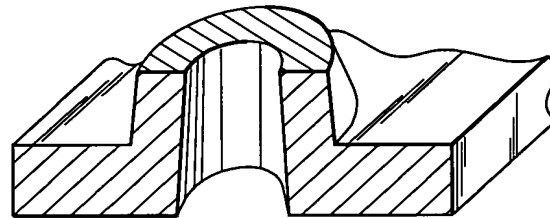
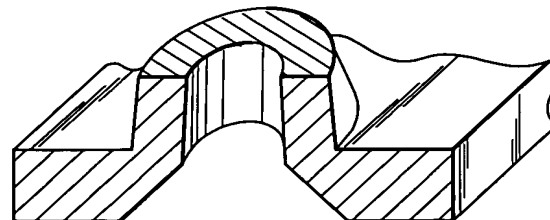


FIG.16C



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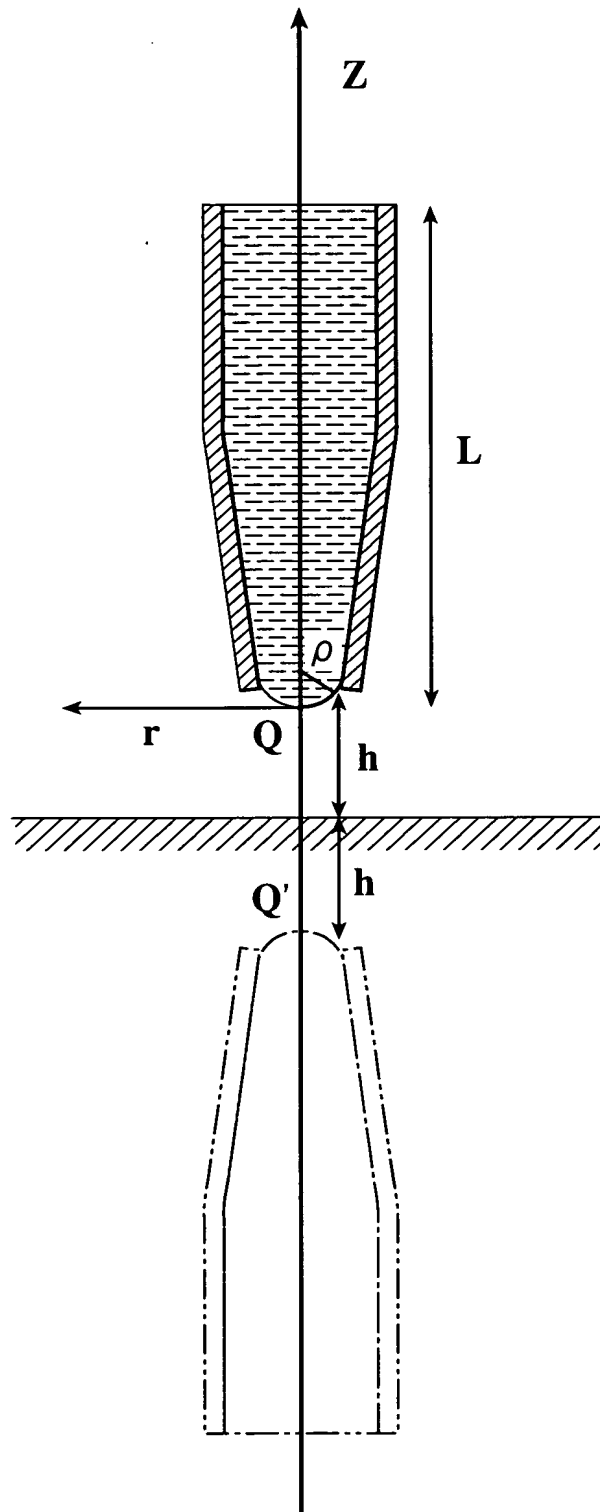
FIG.17

No.	DI(μ m)	DO(μ m)	D _{max} (μ m)	H(μ m)	EVENNESS
1	1	2	5	1	1
2	1	2	5	9	2
3	1	2	5	10	3
4	1	2	5	49	3
5	1	2	5	50	4
6	1	2	5	51	4
7	1	2	5	99	4
8	1	2	5	100	5

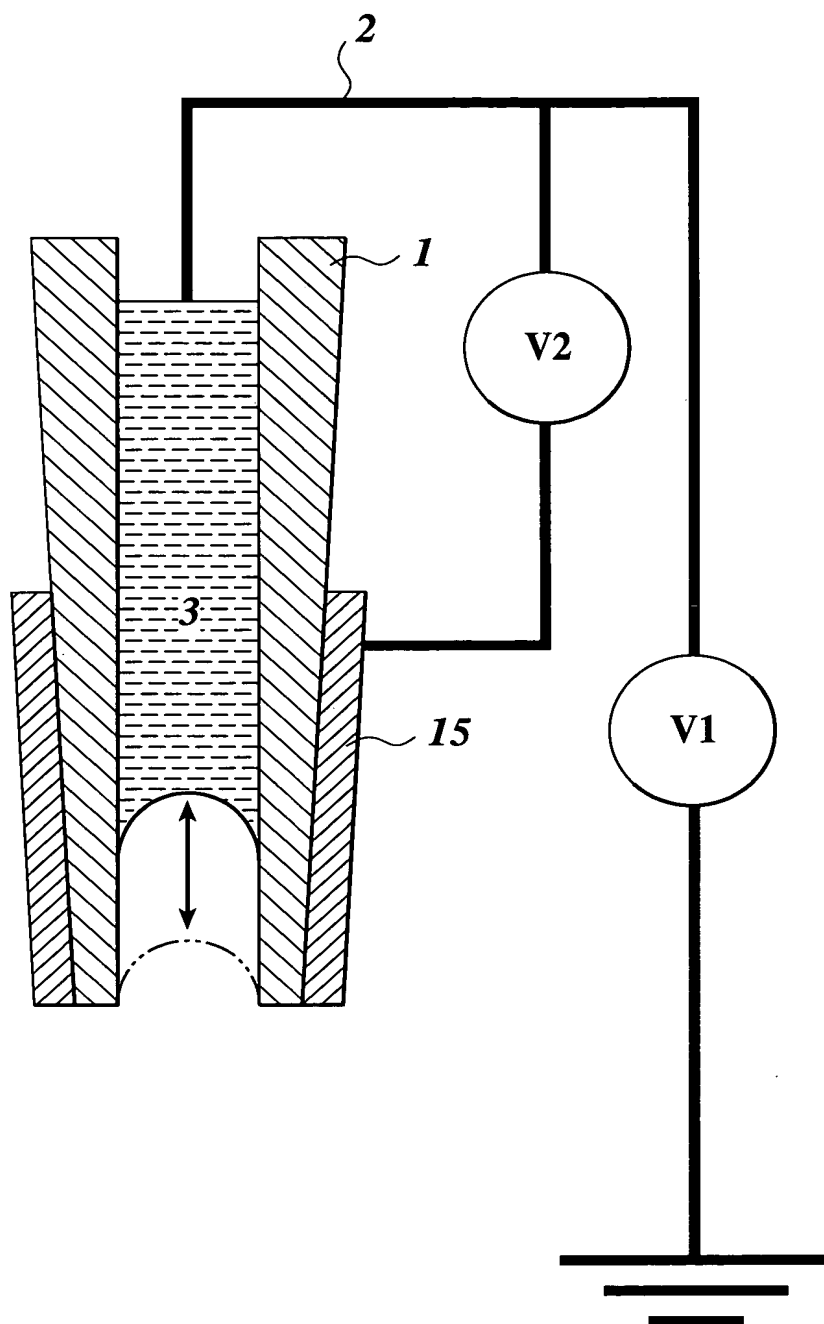
FIG.18

No.	DI(μ m)	t(μ m)	WATER REPELLENT PROCESSING	ANGLE OF NOZZLE EDGE SHAPE	RESPONSIVENESS
1	1	2	UNAVAILABLE	90	1
2	1	1	UNAVAILABLE	90	3
3	1	0.2	UNAVAILABLE	90	3.5
4	1	1	①	90	3.5
5	1	0.2	②	90	4.0
6	1	2	②	90	2
7	1	1	②	40	4.0
8	1	0.2	②	40	5.0
9	1	0.2	②	20	3.0

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FIG.19

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FIG.20

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FIG.21